

## Quarterly Activities Summary for the Period Ended 30 June 2019

### Highlights:

#### **Australia – WA-488-P (Beehive) – 100%\***

- Progressing initial well concept selection, rig selection and drafting of Environmental Plan
- Potential for drilling in 2H 2020, subject to Total and/or Santos exercising their option by 2 October 2019 to drill the Beehive-1 exploration well. If option is exercised, Melbana (20%) fully carried through drilling

#### **Cuba - Block 9 PSC – 100%**

- Application made to CubaPetroleo to extend current work period and waive bank guarantee requirements
- Discussions with potential farminees advanced

#### **Cuba – Santa Cruz IOR PSC – 100%**

- Clarification sought on some commercial issues identified during the approvals process. Negotiations commenced.

#### **Tassie Shoal Projects**

- Barossa gas field enters into exclusive supply negotiations with Darwin LNG plant, providing an opportunity for Melbana to resume dialogue with the operator of the Evans Shoal gas field

#### **Corporate**

- Subsequent to the quarter end:
  - Melbana's CEO Robert Zammit departed and Non-Executive and Independent director Michael Sandy assumed interim executive responsibilities
  - Melbana announced its intention to make a takeover offer for 100% of the ordinary shares in Metgasco Limited (ASX: MEL)

MELBOURNE, AUSTRALIA (30 July 2019)

Melbana Energy Limited (ASX: MAY) (“Melbana” or the “Company”) provides the following summary in relation to its activities during the quarter ended 30 June 2019.

### **Australia - WA-488-P Beehive Prospect (Melbana 100%\*)**

During the quarter, key activities required to prepare for a decision by Santos and Total whether to exercise their option to drill the Beehive-1 well were progressed. Santos, leading this phase of activities, advised they had completed an initial well concept select workshop and identified a provisional well design and progressed the drafting of an Environmental Plan which is targeted for completion by 3Q 2019. Rig selection activity is being considered by Santos as part of broader rig contracting strategy.

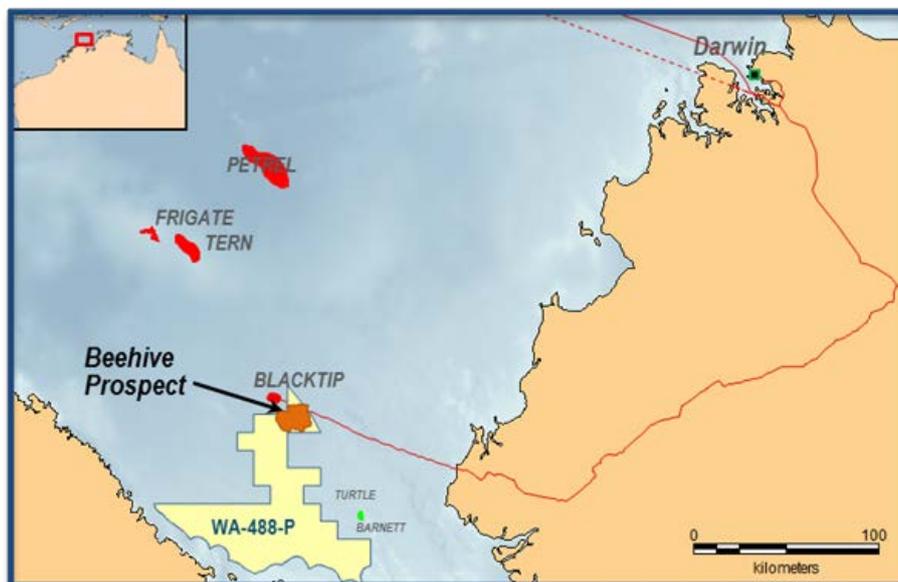


Figure 1 - Beehive Location

### **Cuba - Block 9 (Melbana 100%)**

During the quarter, Melbana progressed discussions with CubaPetroleo regarding proposed modifications to the current work program timing and the requirement to provide a bank guarantee. Discussions have progressed and Melbana has now submitted a formal request, a response to which is expected in the quarter ending 30 September 2019.

### **Cuba - Santa Cruz Incremental Oil Recovery Project - (Melbana 100%)**

During the quarter, Melbana’s geoscience team continued its technical work on the significant opportunities identified for pursuit in the Santa Cruz IOR area. The approval process for the Incremental Oil Recovery PSC, which was agreed between Melbana and CubaPetroleo in late 2018, has identified some issues that require further commercial clarification. Negotiation of these matters between Melbana and the relevant Cuban parties has commenced.

## Tassie Shoal Projects

During the quarter, Santos reported that the Barossa joint venture has entered into an exclusive supply arrangement with the Darwin LNG joint venture. The Tassie Shoal LNG Project, with its shallow water platform fixed to seabed design, remains a low-cost development option for LNG production should a means of disposing of the high CO<sub>2</sub> content in Evans Shoal be economically achieved. Alternatively, the Tassie Shoal Methanol Project, with its ability to receive and process raw gas with a 30% CO<sub>2</sub> content, remains an alternative development path. Melbana will continue with its efforts to highlight the permitted Tassie Shoal LNG and Methanol projects to the Evans Shoal joint venture.

## Corporate

During the quarter, Melbana reviewed a number of potential farmin and corporate opportunities and remain interested in pursuing a listing in the United Kingdom at the appropriate time.

Subsequent to the quarter end, CEO Robert Zammit ended his employment with the Company and independent non-executive director Michael Sandy assumed interim executive responsibilities.

Also subsequent to the quarter end, Melbana announced its intention to make a takeover offer for 100% of the ordinary shares in Metgasco Limited (ASX:MEL).

The Company ended the quarter with a cash balance of A\$3.4 million.

Commenting on the Quarter's activities, Melbana Energy's Chairman Andrew Purcell said:

*"Preparations to drill the Beehive-1 well continue to progress and we look forward with great anticipation to the decision by Total and/or Santos, expected in early October, to fund the drilling of this well. In Cuba, we have made progress with CubaPetroleo and potential partners regarding Block 9 and Santa Cruz and intend to actively pursue the opportunity presented by the decision of Darwin LNG to enter into exclusive supply negotiations with Barossa joint venture to secure gas supply for our Tassie Shoal Projects."*

Footnotes:

\* Total and Santos hold a cumulative option to acquire an 80% Participating Interest in WA-488-P

## Australia

### Joseph Bonaparte Gulf: WA-488-P Beehive Prospect (Melbana 100%<sup>\*\*</sup>)

A short video on Beehive is available on the Melbana website ([melbana.com](http://melbana.com)) under News and Broadcasts / Broadcasts and Videos.

WA-488-P is located in the southern Joseph Bonaparte Gulf and covers an area of 4,105km<sup>2</sup>. The permit was awarded to Melbana in May 2012 as part of the acreage Gazettal Round.

#### Commercial

Total and Santos have an option (exercisable together or individually) to acquire a direct 80% participating interest in the permit in return for fully funding the costs of the first exploration well in the permit along with any other costs incurred by the Joint Venture from the time of exercise of the option until 90 days after release of the drilling rig from this well. The option is exercisable by either Total or Santos at any time but no later than 6 months\* from the acceptance of the final processed seismic survey data. These data were received by Total and Santos on 2 April 2019, starting the 6-month window.

Beehive is located close to several existing facilities including the Ichthys project and the Blacktip field and pipeline, offering several accelerated options for monetising any future gas discovery. In the event of a commercial discovery, Melbana would repay carried funding from its share of cash flow from the Beehive field. Melbana would have no re-payment obligations for such carried funding in the event there is no commercial discovery and development in WA-488-P.

*\*\* Santos & Total each have an option to acquire a 40% working interest, which must be exercised within 6 months of the commencement of the option period. In the event that only one party exercises its option, this party will be granted a new option to acquire an 80% interest, exercisable up to 7 months after the commencement of the original option period.*

#### Technical

The Beehive prospect is a Carboniferous age 180km<sup>2</sup> isolated carbonate build up with 400m of mapped vertical relief, analogous to the giant Tengiz field in the Caspian Basin. It is located

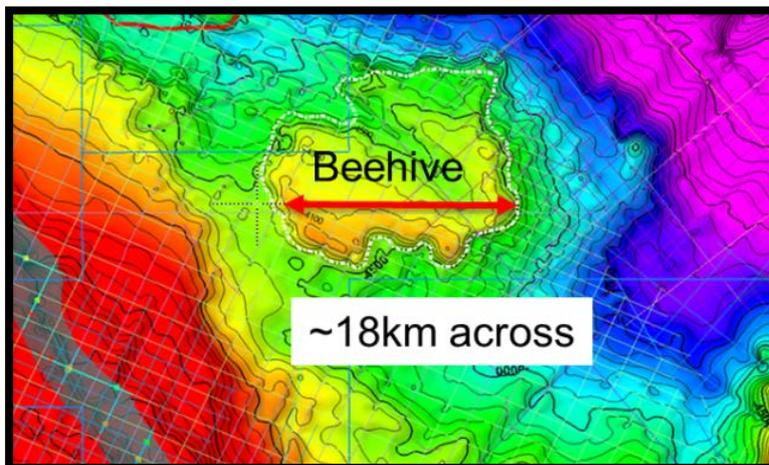
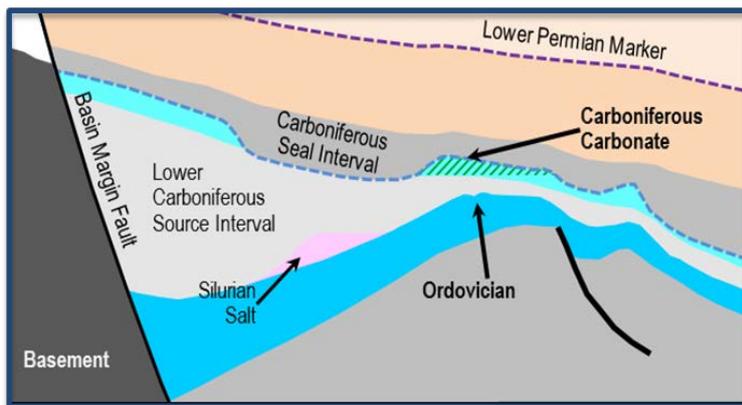


Figure 2

in 40m water depth, suitable for a jack up rig, within ~75km of shore and developable by either FPSO or pipeline to existing infrastructure. This play type is new and undrilled in the Joseph Bonaparte Basin with no wells having been drilled to this depth in the basin.

The carbonate reservoir is also interpreted to be the same age as the 2011



Ungani-1 oil discovery in the Canning basin, which tested at 1,600 bopd demonstrating a high-quality reservoir. Beehive is a much larger build up than Ungani and has excellent access to the Lower Carboniferous source rock in adjacent depocentres.

Figure 3

Potentially the largest undrilled hydrocarbon prospect in Australia, the Beehive prospect has been assessed by Independent Expert McDaniel & Associates as having significant prospective resources as outlined in Table 1:

Table 1 - Exploration Prospective Recoverable Resource estimates for Beehive

Objective	Type	Chance of Success	Recoverable Prospective Resource <sup>1,2,3</sup>			
			Low	Best	High	Mean
Beehive	Gas (BCF)		134	534	2,199	936
	Oil (MMbbl)		69	299	1,279	548
	<b>TOTAL (MMboe)</b>	<b>20%</b>	<b>91</b>	<b>388</b>	<b>1,645</b>	<b>704</b>

<sup>1</sup> Prospective Resources Cautionary Statement: The estimated quantities of petroleum that may potentially be recovered by the application of a future development project(s) relate to undiscovered accumulations. These estimates have both an associated risk of discovery and a risk of development. Future exploration appraisal and evaluation is required to determine the existence of a significant quantity of potentially moveable hydrocarbons.

<sup>2</sup> Independent Expert McDaniel & Associates Competent Persons Report 30 June 2018

<sup>3</sup> Gas to Oil Factor: based on mcf to BOE energy equivalence conversion of 6 to 1.

## Tassie Shoal Gas Processing Projects (Melbana 100%)

Melbana has Federal & State Government Environmental approvals valid to 2052 to build two world scale methanol plants and one LNG plant offshore in Australian waters in a shallow water area (the “Tassie Shoal”) surrounded by discovered and undeveloped gas.

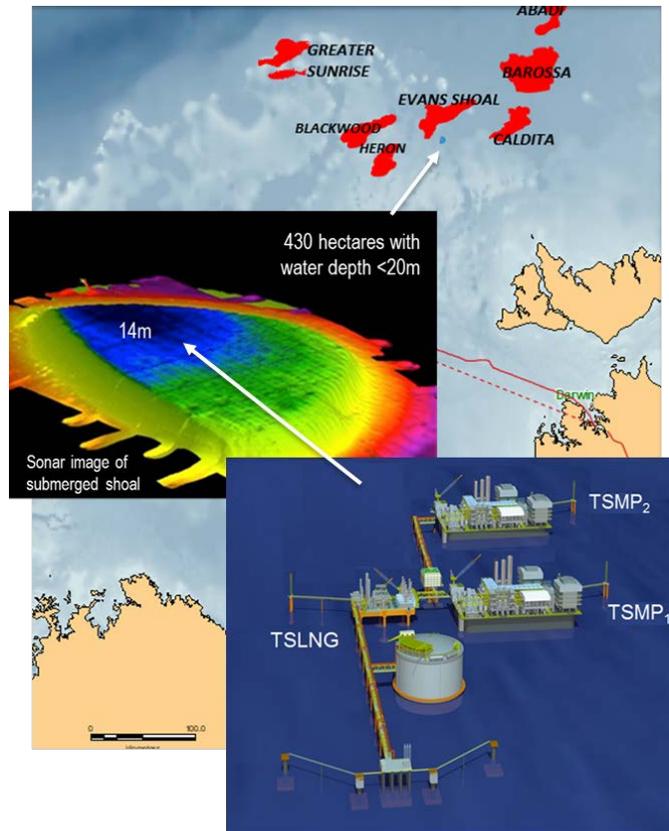


Figure 4 - Location of Tassie Shoal

Tassie Shoal was selected as the site for the processing plants after an exhaustive assessment of the lowest cost environmentally acceptable locations close to stranded gas resources.

Development costs are reduced as proximity to gas fields allows the minimization of the length of any required pipelines to transport raw gas from the field to the processing facilities and the shallow water site allows facilities to be fixed to the sea bed, avoiding any complexities associated with floating facilities and facilitating construction in modules in a low cost location and transport to the final site.

Methanol is a globally traded liquid with a deep international market and many industrial and energy uses. Approximately 45 per cent of the world's methanol is used in energy-related applications. Methanol can be used on

its own as a vehicle fuel or blended directly into gasoline to produce a high-octane efficient fuel with lower emissions than conventional gasoline. Methanol gasoline blends have widespread use in China and have been introduced in several countries outside of China. As an industrial chemical, methanol is used as a feedstock to produce chemicals such as acetic acid and formaldehyde, which in turn are used in products like adhesives, foams, plywood subfloors, solvents and windshield washer fluid. With Melbana’s choice of methanol production process, methanol production is optimised with high CO<sub>2</sub> gas (up to 30%) as feedstock which is consistent with the CO<sub>2</sub> content of Evans Shoal raw gas.

The Tassie Shoal LNG Plant is an alternative to onshore LNG or FLNG. Santos reported during the quarter that the Barossa joint venture has entered into an exclusive supply arrangement with the Darwin LNG joint venture<sup>1</sup>.

The Tassie Shoal LNG Project, with its shallow water platform fixed to seabed design, remains a low-cost development option for LNG production should a means of disposing of the high CO<sub>2</sub> content in Evans Shoal be economically achieved. Alternatively, the Tassie Shoal Methanol Project, with its ability to receive and process raw gas with a 30% CO<sub>2</sub> content,

<sup>1</sup> Santos announcement, 27 June 2019

remains an alternative development path for the Evans Shoal gas field should the titleholders prefer to proceed with a known achievable low-cost development plan with existing environmental approval.

There is potential for value creation for Melbana via a carried interest and/or tolling income in a methanol or LNG development on Tassie Shoal utilising its concept and environmental approvals.

**Ashmore Cartier Region, Timor Sea (Vulcan Sub-Basin): AC/P50 and AC/P51 (Melbana interest only in event of sale or farmout by Rouge Rock)**

In August 2018 Melbana executed binding agreements with Rouge Rock Pty Ltd (“Rouge Rock”) to sell its wholly owned subsidiary, Vulcan Exploration Pty. Ltd., that holds the AC/P50 and AC/P51 permits. The agreements provide for Melbana retaining exposure to the upside outcomes of a subsequent sale or farmout of either of the permits by Rouge Rock.

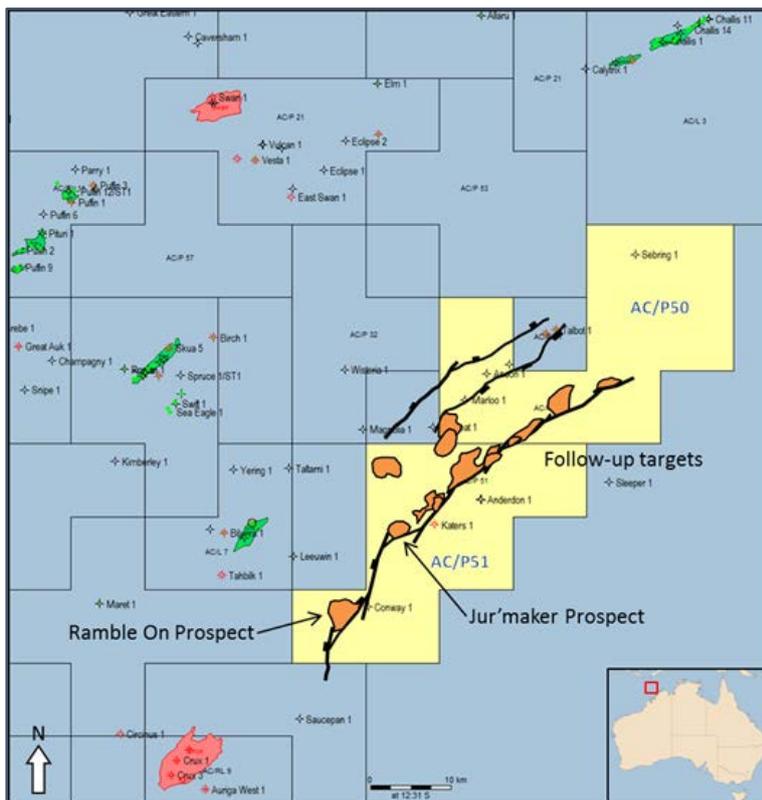


Figure 5 - Location of AC/P50 and AC/P51

The agreements are structured such that if Rouge Rock enters into an arrangement in future for cash, Melbana earns 10% of the cash benefit received by Rouge Rock. If Rouge Rock enters into an arrangement in future that provides for a full or partial carry on a well, Melbana has the right to back-in for a 5% interest after the well is drilled, effectively providing a carried interest during the drilling process and avoiding costs associated with the drilling process.

AC/P51 contains the Ramble On prospect, a new play type that has proven analogues in other Basins.

## Cuba

As an early mover into Cuba, Melbana is now one of the few western companies (and the only ASX listed company) with an established footprint in the high potential Cuban hydrocarbon sector. The geology of Cuba has analogies to petroleum systems in which Melbana’s technical personnel have significant experience. Melbana sees substantial hydrocarbon potential in Cuba.

### Santa Cruz Incremental Oil Opportunity

The Santa Cruz oil field is located approximately 45km from Havana between Boca de Jaruco and Canasí oil fields and approximately 150 km west of Melbana’s existing Block 9. Santa Cruz is in the northern fold belt of Cuba – the trend that is responsible for the vast majority of Cuba’s oil and gas production (see Figure 6).

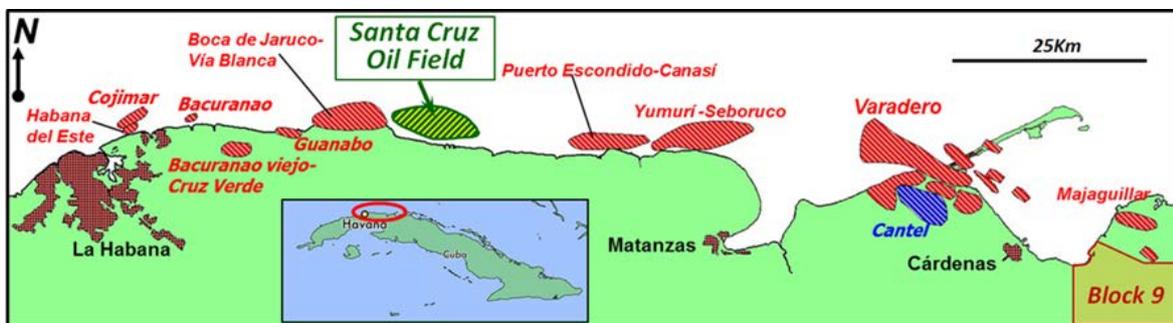


Figure 6 - The Santa Cruz oil field, part of Cuba’s northern fold belt which continues into Block 9

The Santa Cruz oil field was discovered in 2004 when drilled via a land based rig with a deviated well out to the offshore structure. It initially tested at 1,250 barrels per day, with oil quality varying from 10° API to 22° API - typical of most Cuban oil production. Initial estimates reported that Santa Cruz had up to 100 million barrels of recoverable oil with appraisal drilling confirming a field area of greater than 20km<sup>2</sup> and a significant oil column of 250 metres. Santa Cruz was declared commercial in 2006 and produced in excess of 1 million barrels in the first year. By 2012 production was approximately 1,600 barrels per day and the field had produced 7.4 million barrels from 18 wells.



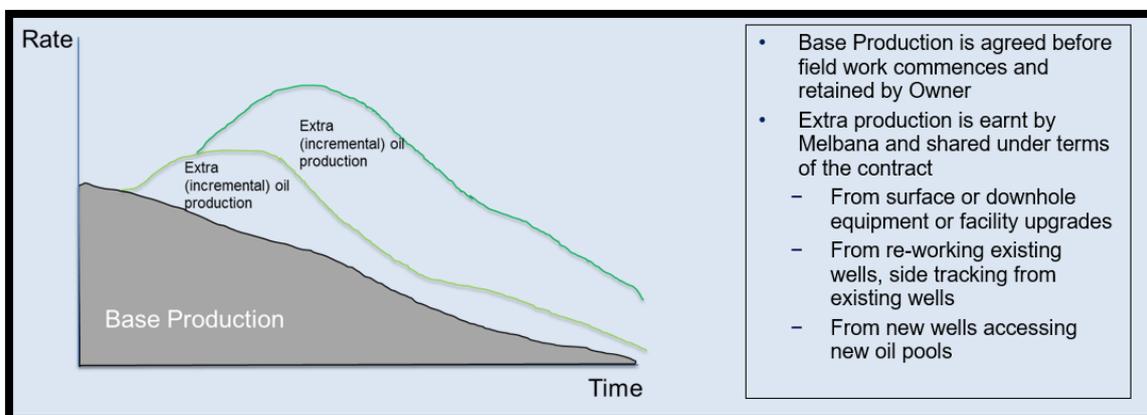
Melbana is seeking a binding Incremental Oil Recovery (“IOR”) Production Sharing Contract (“PSC”) with the national oil company of Cuba. This provides Melbana with a long-term right to further develop and share in any enhanced production from the Santa Cruz oil field. The Santa Cruz IOR PSC would likely be split into multiple phases, with an initial study period of desk-based technical work followed by an implementation phase. The initial study period phase will last a maximum of 8 months at which point Melbana may elect to proceed to the



*Figure 7 – Santa Cruz oil processing facilities*

next implementation phase, which includes a minimum program of two side-track wells from existing well bores to new geological targets. To accelerate opportunities to enhance oil production as soon as possible, Melbana engaged a Canadian consultant with extensive Cuban IOR experience to identify possible debottlenecking opportunities.

Under an IOR contract, additional production above an agreed base production rate is shared as depicted in Figure 7. below. In general, the commercial terms are consistent with exploration PSC terms, such as those that apply to Melbana’s Block 9 PSC, with provisions for cost recovery and sharing of profit oil.



*Figure 8 - Graphical portrayal of Santa Cruz Incremental Oil Recovery Concept*

In late 2018, Cubapetroleo (Cuba’s national oil company) reported to Cuban media a significant discovery of light oil in the Bacuranao structure in the northern fold belt. The discovery was made late in 2017 and had been undergoing long term testing. Cupet

representatives reported that oil produced from the field has a density of 22° API and it is the highest quality oil discovered in the area. The discovery is encouraging for oil exploration activities in the northern fold belt trend that continues into Melbana’s Block 9 and is near to the Santa Cruz oil field.

### Block 9 Production Sharing Contract

A short video on Cuba Block 9 is available on the Melbana website ([melbana.com](http://melbana.com)) under News and Broadcasts / Broadcasts and Videos.

#### Overview

Block 9 PSC (Block 9) covers 2,380km<sup>2</sup> onshore of the north coast of Cuba. It is in a proven hydrocarbon system with multiple producing fields within close proximity, including the Majaguillar and San Anton fields immediately adjacent to it and the multi-billion barrel Varadero oil field further west (see Figure 9). Block 9 contains the Motembo field, the first oil field discovered in Cuba. Melbana is prequalified as an onshore and shallow water operator in Cuba and was awarded Block 9 on 3 September 2015. Melbana’s established position in Cuba provides it with a strong early mover advantage.

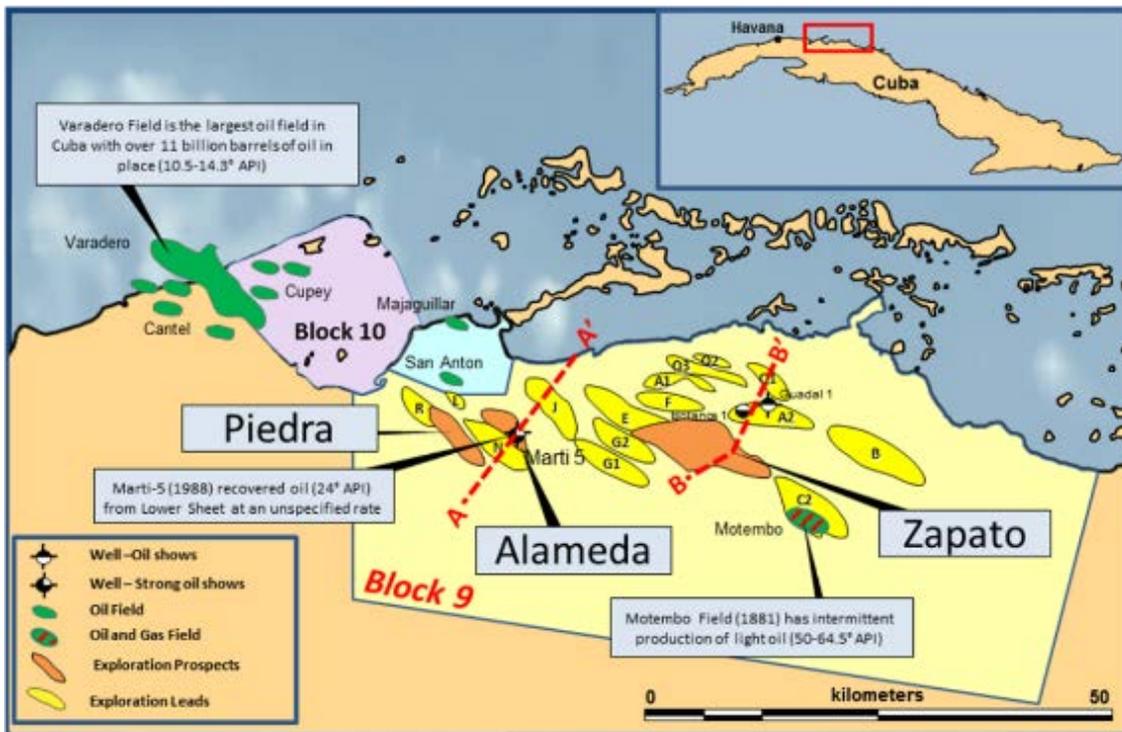


Figure 9 - Block 9 PSC map showing location of key drilling targets

#### Background

##### Alameda Prospect

The Alameda Prospect is currently the highest ranked exploration target in Block 9 PSC. Alameda is a large structure located in the western part of Block 9 and is in a similar structural position to the Varadero field, the largest oil field in Cuba, approximately 35km away (see Figure 9).

The proposed Alameda-1 well would test a combined exploration potential of over 2.5 billion barrels Oil-in-Place and 140 million barrels of recoverable oil on a 100% best estimate basis<sup>1,2</sup> and 279 million recoverable barrels aggregate high side potential<sup>1,2</sup> (see Table 2).

*Table 2 – Exploration Prospective Recoverable Resource estimates for objectives of Alameda-1 well*

Objective	Chance of Success	Recoverable Prospective Resource (MMstb) <sup>1,2</sup>			
		Low	Best	High	Mean
Amistad/Alameda H	15%	24	60	132	71
N	23%	4	9	19	10
Alameda	32%	39	72	128	79
<b>Totals</b>		<b>67</b>	<b>141</b>	<b>279</b>	

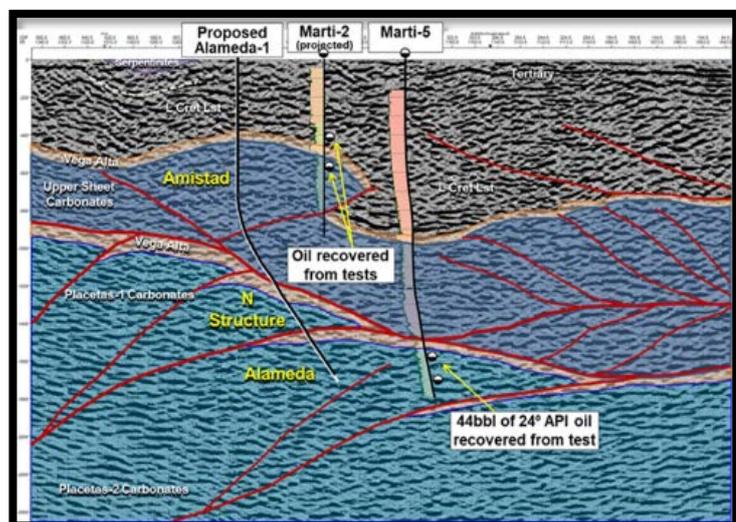
<sup>1</sup> Prospective Resources Cautionary Statement: The estimated quantities of petroleum that may potentially be recovered by the application of a future development project(s) relate to undiscovered accumulations. These estimates have both an associated risk of discovery and a risk of development. Future exploration appraisal and evaluation is required to determine the existence of a significant quantity of potentially moveable hydrocarbons.

<sup>2</sup> Independent Expert McDaniel & Associates Alameda-1 Persons Report 30 June 2018

The primary objective at Alameda ranges in depth from approximately 3,000 to 3,700 metres. The presence of oil in the Alameda structure is supported by the Marti-5 well drilled within the prospect closure in a down flank position nearly 30 years ago and which recovered 24° API oil and had numerous oil shows extending over a 850 metre gross interval from the Lower Sheet section (see Figure 10).

This exploration well has been designed as a mildly deviated well, with a total measured depth of 4,000 metres to enable the well to penetrate three independent exploration objectives; the primary Alameda objective as well as the shallower N and Amistad (Alameda High) objectives.

While characterised as an exploration well, the chance of success at Alameda-1 benefits from two old wells, Marti-2 and Marti-5, both of which recovered oil



*Figure 10 - Alameda-1 trajectory tests three objectives*

from Amistad/Alameda High and Alameda objectives respectively. The Amistad/Alameda High objective is a structure indicated on seismic as being updip of the tested oil recoveries in the Marti-2 well. Alameda-1 is estimated to take approximately 80 days to drill. In the event of a discovery at Alameda there would be significant follow up potential, with a number of additional leads in close proximity.

Zapato Prospect

The proposed Zapato-1 well location is in the central portion of Block 9 and is designed to test a Lower Sheet closure in close proximity to the shallower Motembo oil field, which has historically produced a high-quality light oil. The Zapato feature has a crest at approximately 2,000 metres and is a robust structure with nearly 1,000 metres of vertical relief (see Figure 11).

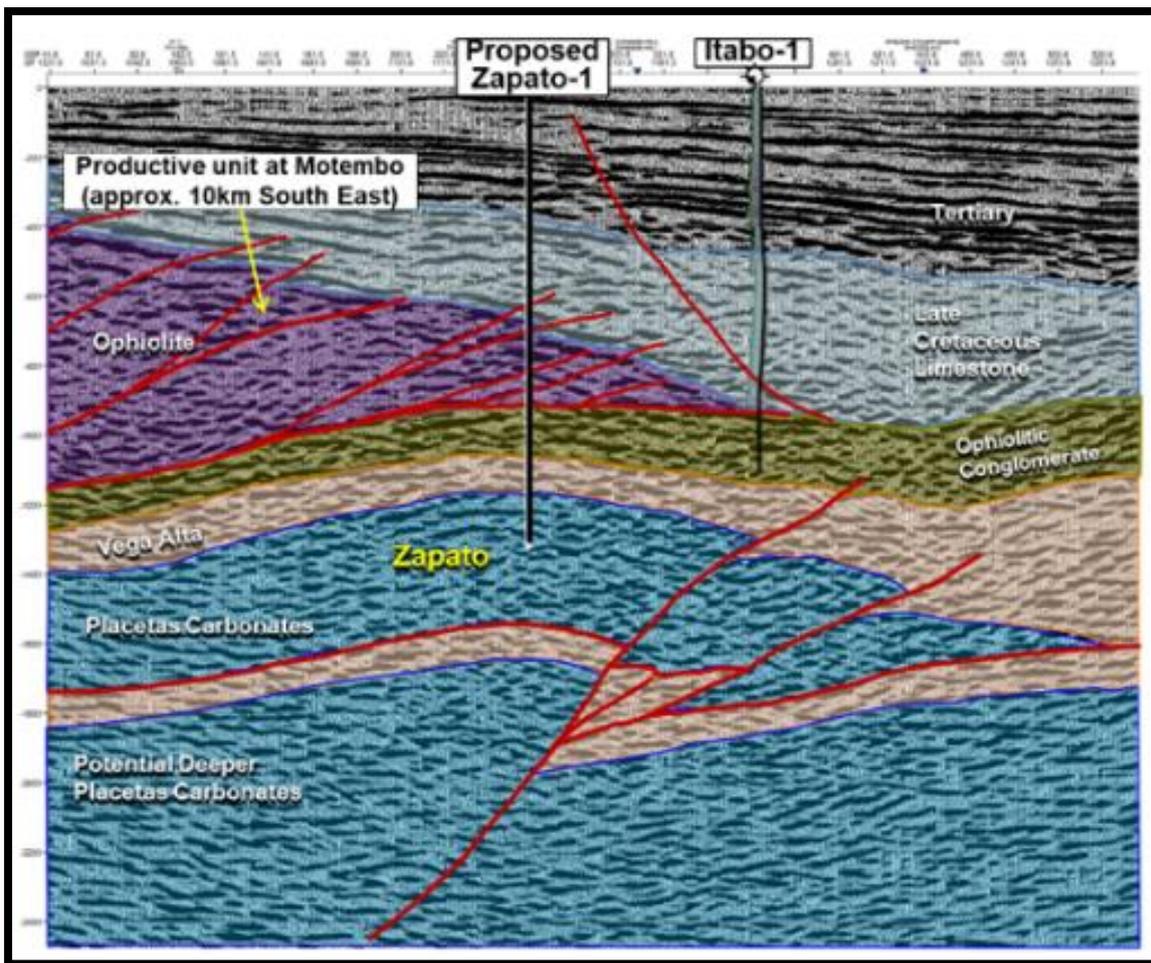


Figure 11 - Zapato prospect seismic profile and well path

A recently completed gravity and magnetic study commissioned by Melbana and undertaken by Cuba’s specialist technical laboratory CEINPET over the Zapato prospect has indicated a strong gravity and magnetic alignment with the structural interpretation Melbana’s technical team derived from seismic and surface data. This result is supportive of Melbana’s assessment of the prospectivity of Zapato as a large carbonate duplex structure along strike from the Motembo discovery which produced light (56° API) oil.

Block 9 has high quality detailed pre-existing gravity and magnetic data sets. In the type of geology present in Cuba it is common to use a combination of seismic, magnetic and gravity data sets to define prospectivity.

Carbonate duplex structures such as Zapato are being targeted by Melbana due to their potential to contain Varadero style oil accumulations and are able to be identified using this technique by their combined gravity and magnetic response which differentiates them from low prospectivity intervals.

*Table 3 - Exploration Prospective Recoverable Resource estimates for objectives of Zapato well*

Objective	Chance of Success	Recoverable Prospective Resource (MMstb) <sup>1,2</sup>			
		Low	Best	High	Mean
Zapato	23%	38	95	214	114

<sup>1</sup> Prospective Resources Cautionary Statement: The estimated quantities of petroleum that may potentially be recovered by the application of a future development project(s) relate to undiscovered accumulations. These estimates have both an associated risk of discovery and a risk of development. Future exploration appraisal and evaluation is required to determine the existence of a significant quantity of potentially moveable hydrocarbons.

<sup>2</sup> Independent Expert McDaniel & Associates Competent Persons Report 30 June 2018

#### Piedra Prospect

*Table 4 - Exploration Prospective Recoverable Resource estimates for objectives of PiedraZapato well*

Objective	Chance of Success	Recoverable Prospective Resource (MMstb) <sup>1,2</sup>			
		Low	Best	High	Mean
Piedra	23%	14	34	76	40

<sup>1</sup> Prospective Resources Cautionary Statement: The estimated quantities of petroleum that may potentially be recovered by the application of a future development project(s) relate to undiscovered accumulations. These estimates have both an associated risk of discovery and a risk of development. Future exploration appraisal and evaluation is required to determine the existence of a significant quantity of potentially moveable hydrocarbons.

<sup>2</sup> Independent Expert McDaniel & Associates Competent Persons Report 30 June 2018

The Piedra prospect is a large robust structure targeting fractured carbonate objective, adjacent to the San Anton oil discovery. It is a seismically mapped structure that coincides

with a large closed gravity high, which have been successfully drilled in the past (e.g. Varadero). The San Anton oil field recovered 19.5° API oil from the shallow section and at Piedra a lighter more mature oil can be expected at its depth. The crest of Piedra is at approximately 1,700 metres with nearly 1,400 metres vertical relief (See Figure 12 and Figure 13).

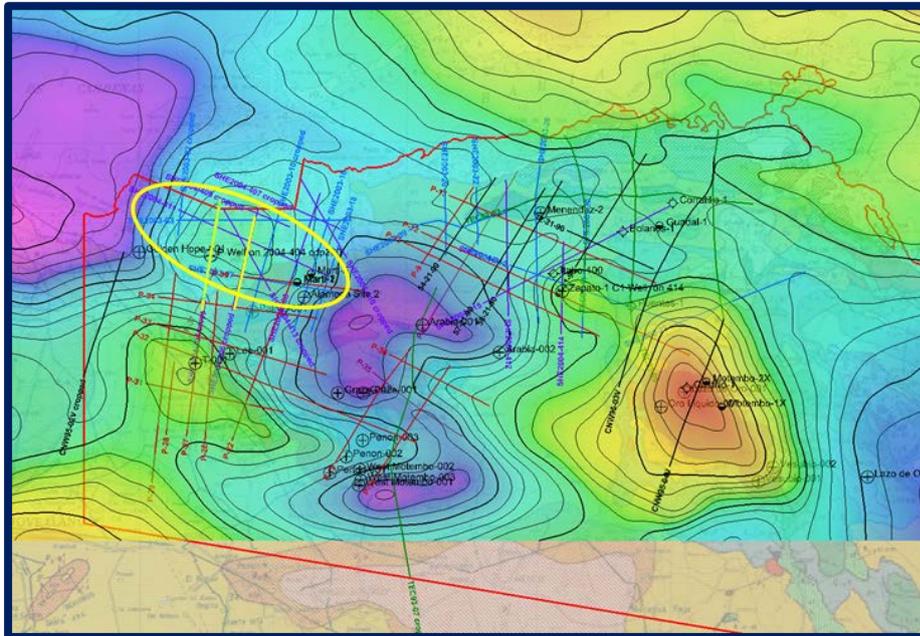


Figure 12 – Gravity high over Piedra prospect

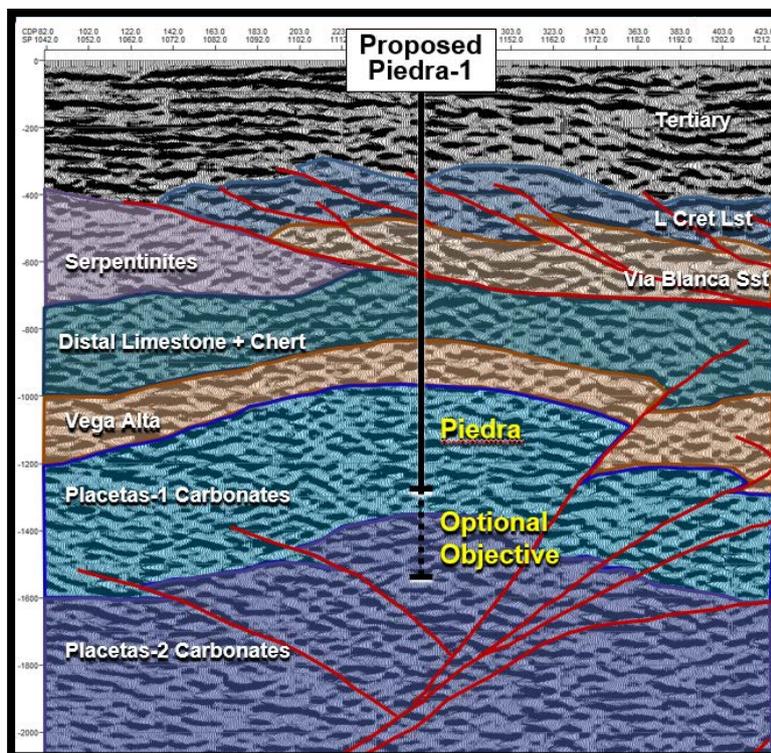


Figure 13 - Piedra prospect seismic profile and well path

## Appendix 5B

# Mining exploration entity and oil and gas exploration entity quarterly report

Introduced 01/07/96 Origin Appendix 8 Amended 01/07/97, 01/07/98, 30/09/01, 01/06/10, 17/12/10, 01/05/13, 01/09/16

### Name of entity

MELBANA ENERGY LIMITED

### ABN

43 066 447 952

### Quarter ended ("current quarter")

30 June 2019

Consolidated statement of cash flows	Current quarter \$A'000	Year to date (12 months) \$A'000
<b>1. Cash flows from operating activities</b>		
1.1 Receipts from customers	-	140
1.2 Payments for		
(a) exploration & evaluation	(201)	(1,175)
(b) development	-	-
(c) production	-	-
(d) staff costs*	(150)	(560)
(e) administration and corporate costs	(279)	(1,380)
1.3 Dividends received	-	-
1.4 Interest received	6	47
1.5 Interest and other costs of finance paid	-	(3)
1.6 Income taxes paid	-	-
1.7 Research and development refunds	216	216
1.8 Others:		
• One-off redundancy payment	-	(334)
• Return of share of JV funds in NZ	-	100
• Other income	-	6
<b>1.9 Net cash from / (used in) operating activities</b>	<b>(408)</b>	<b>(2,943)</b>

\* Some staff costs are reallocated in exploration & evaluation

Consolidated statement of cash flows	Current quarter \$A'000	Year to date (12 months) \$A'000
<b>2. Cash flows from investing activities</b>		
2.1 Payments to acquire:		
(a) property, plant and equipment	-	(2)
(b) tenements (see item 10)	-	-
(c) investments	-	-
(d) other non-current assets	-	-
2.2 Proceeds from the disposal of:		
(a) property, plant and equipment	4	4
(b) tenements (see item 10)	100	100
(c) investments	-	-
(d) other non-current assets	-	-
2.3 Cash flows from loans to other entities	-	-
2.4 Dividends received	-	-
2.5 Other (deposits paid net of refunds)	-	-
<b>2.6 Net cash from / (used in) investing activities</b>	<b>104</b>	<b>102</b>

<b>3. Cash flows from financing activities</b>		
3.1 Proceeds from issues of shares	-	3,499
3.2 Proceeds from issue of convertible notes	-	-
3.3 Proceeds from exercise of share options	-	200
3.4 Transaction costs related to issues of shares, convertible notes or options	-	(226)
3.5 Proceeds from borrowings	-	-
3.6 Repayment of borrowings	-	(3,585)
3.7 Transaction costs related to loans and borrowings	-	-
3.8 Dividends paid	-	-
3.9 Other (provide details if material)	-	-
<b>3.10 Net cash from / (used in) financing activities</b>	<b>-</b>	<b>(112)</b>

<b>4. Net increase / (decrease) in cash and cash equivalents for the period</b>		
4.1 Cash and cash equivalents at beginning of period	3,729	6,120
4.2 Net cash from / (used in) operating activities (item 1.9 above)	(408)	(2,943)

## Mining exploration entity and oil and gas exploration entity quarterly report

<b>Consolidated statement of cash flows</b>		<b>Current quarter \$A'000</b>	<b>Year to date (12 months) \$A'000</b>
4.3	Net cash from / (used in) investing activities (item 2.6 above)	104	102
4.4	Net cash from / (used in) financing activities (item 3.10 above)	-	(112)
4.5	Effect of movement in exchange rates on cash held	8	266
<b>4.6</b>	<b>Cash and cash equivalents at end of period</b>	<b>3,433</b>	<b>3,433</b>

<b>5.</b>	<b>Reconciliation of cash and cash equivalents</b> at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts	<b>Current quarter \$A'000</b>	<b>Previous quarter \$A'000</b>
5.1	Bank balances	1,487	1,636
5.2	Call deposits	1,942	2,086
5.3	Bank overdrafts	-	-
5.4	USD cash term deposit	-	-
5.5	Other	4	7
<b>5.6</b>	<b>Cash and cash equivalents at end of quarter (should equal item 4.6 above)</b>	<b>3,433</b>	<b>3,729</b>

**6. Payments to directors of the entity and their associates**

- 6.1 Aggregate amount of payments to these parties included in item 1.2
- 6.2 Aggregate amount of cash flow from loans to these parties included in item 2.3
- 6.3 Include below any explanation necessary to understand the transactions included in items 6.1 and 6.2

<b>Current quarter \$A'000</b>
------------------------------------

76

-

\$69k Director's fees paid during the June 2019 quarter and \$7k consulting fee paid to Director's associated entity.

**7. Payments to related entities of the entity and their associates**

- 7.1 Aggregate amount of payments to these parties included in item 1.2
- 7.2 Aggregate amount of cash flow from loans to these parties included in item 2.3
- 7.3 Include below any explanation necessary to understand the transactions included in items 7.1 and 7.2

<b>Current quarter \$A'000</b>
------------------------------------

-

-

-

## Mining exploration entity and oil and gas exploration entity quarterly report

<b>8. Financing facilities available</b> <i>Add notes as necessary for an understanding of the position</i>	<b>Total facility amount at quarter end \$A'000</b>	<b>Amount drawn at quarter end \$A'000</b>
8.1 Loan facilities	-	-
8.2 Credit standby arrangements	-	-
8.3 Other (please specify)	-	-
8.4 Include below a description of each facility above, including the lender, interest rate and whether it is secured or unsecured. If any additional facilities have been entered into or are proposed to be entered into after quarter end, include details of those facilities as well.		

--

<b>9. Estimated cash outflows for next quarter</b>	<b>\$A'000</b>
9.1 Exploration and evaluation	(129)
9.2 Development	-
9.3 Production	-
9.4 Staff costs	(309)
9.5 Administration and corporate costs	(272)
9.6 Other	-
<b>9.7 Total estimated cash outflows</b>	<b>(710)</b>

<b>10. Changes in tenements (items 2.1(b) and 2.2(b) above)</b>	<b>Tenement reference and location</b>	<b>Location</b>	<b>Nature of interest</b>	<b>Interest at beginning of quarter</b>	<b>Interest at end of quarter</b>
10.1 Interests in mining tenements and petroleum tenements lapsed, relinquished or reduced	PEP51153	Taranaki Basin Onshore	Exploration of hydrocarbon	30%	0%
10.2 Interests in mining tenements and petroleum tenements acquired or increased	-		-	-	-

### **Compliance statement**

- 1 This statement has been prepared in accordance with accounting standards and policies which comply with Listing Rule 19.11A.
- 2 This statement gives a true and fair view of the matters disclosed.

Sign here:



Date: 30 July 2019

Company Secretary

Print name: Melanie Leydin

### **Notes**

1. The quarterly report provides a basis for informing the market how the entity's activities have been financed for the past quarter and the effect on its cash position. An entity that wishes to disclose additional information is encouraged to do so, in a note or notes included in or attached to this report.
2. If this quarterly report has been prepared in accordance with Australian Accounting Standards, the definitions in, and provisions of, AASB 6: Exploration for and Evaluation of Mineral Resources and AASB 107: Statement of Cash Flows apply to this report. If this quarterly report has been prepared in accordance with other accounting standards agreed by ASX pursuant to Listing Rule 19.11A, the corresponding equivalent standards apply to this report.
3. Dividends received may be classified either as cash flows from operating activities or cash flows from investing activities, depending on the accounting policy of the entity.

**LIST OF PETROLEUM TENEMENTS**

PERMIT	LOCATION	MELBANA INTEREST (%)
<b>Australia</b>		
WA-488-P <sup>1</sup>	Bonaparte Basin Offshore	100
<b>Cuba</b>		
Block 9	Onshore Cuba	100
Santa Cruz <sup>2</sup>	45km from Havana	100

<sup>1</sup>Total and Santos hold a cumulative 80% option to acquire a Participating Interest in WA-488-P.

<sup>2</sup>Binding Agreement finalised and subject to Cuban regulatory approval.

**LIST OF ENVIROMENTAL APPROVALS**

PERMIT	LOCATION	MELBANA INTEREST (%)
<b>Australia</b>		
Tassie Shoal Methanol Project*	Tassie Shoal Offshore	100
Tassie Shoal LNG Project*	Tassie Shoal Offshore	100

\*Environmental Approvals are valid until 2052.